

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120222\
 Data File : VL039966.D
 Acq On : 2 Dec 2022 11:49
 Operator : SY/MD
 Sample : VL1202ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1202ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/05/2022
 Supervised By : Mahesh Dadoda 12/05/2022

Quant Time: Dec 02 23:22:15 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2022

QLast Update : Fri Dec 02 23:21:36 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.156	49	1107693	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.619	114	3179259	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.432	117	3135818m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.744 95 2418795 10.099 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.696	85	1948717	12.284	ppbv	95
3) Chlorodifluoromethane	2.642	51	1253354	8.200	ppbv	97
4) Chloromethane	2.780	50	791869	8.107	ppbv	97
5) Vinyl Chloride	2.886	62	676847	8.868	ppbv	99
6) Bromomethane	3.086	94	245489	9.429	ppbv	92
7) Chloroethane	3.166	64	260770	8.644	ppbv	96
8) Dichlorotetrafluoroethane	2.825	85	1701469	9.393	ppbv	98
9) Propene	2.661	41	552051	7.667	ppbv	96
10) Heptane	7.542	43	1443203	8.307	ppbv	99
11) Trichlorofluoromethane	3.529	101	1789142	9.246	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.031	101	1337041	9.129	ppbv	97
13) Ethanol	3.211	45	32091m	5.838	ppbv	
14) Bromoethene	3.333	108	519995	9.105	ppbv	96
15) Acetone	3.436	43	1162441	7.912	ppbv	99
16) 1,3-Butadiene	2.950	39	629135	8.592	ppbv	99
17) tert-Butyl alcohol	3.844	59	1320712	7.818	ppbv	100
18) 1,1-Dichloroethene	3.844	96	605040	9.057	ppbv	98
19) Isopropyl Alcohol	3.542	45	598741	7.527	ppbv #	32
20) Methylene Chloride	3.899	84	487457	6.848	ppbv	95
21) Allyl Chloride	3.960	41	844891	8.290	ppbv	99
22) trans-1,2-Dichloroethene	4.410	96	624979	9.199	ppbv	98
23) Vinyl Acetate	4.590	43	502959m	8.333	ppbv	
24) 1,1-Dichloroethane	4.529	63	1265865	8.698	ppbv	99
25) Ethyl Acetate	5.169	43	2501257	9.272	ppbv	99
26) Hexane	5.175	57	1096838	9.308	ppbv	97
27) Carbon Disulfide	4.089	76	1482907	9.968	ppbv	99
28) Methyl tert-Butyl Ether	4.552	73	1233462	8.360	ppbv	98
29) Chloroform	5.237	83	1799782	11.493	ppbv	98
30) Cyclohexane	6.568	84	997885	8.629	ppbv	94
31) cis-1,2-Dichloroethene	5.044	61	968314	8.894	ppbv	92
32) 1,1,1-Trichloroethane	5.966	97	1814670	9.279	ppbv	99
34) 2-Butanone	4.751	43	1353004	8.894	ppbv	98
35) Carbon Tetrachloride	6.458	117	1908643	10.571	ppbv	99
36) Benzene	6.336	78	2452541	9.075	ppbv	98
37) 1,2-Dichloroethane	5.770	62	1382281	9.334	ppbv	100
38) Trichloroethene	7.256	130	1405249	9.302	ppbv	98
39) 1,2-Dichloropropane	7.037	63	917766	8.717	ppbv	95
40) 1,4-Dioxane	7.256	88	373803	8.912	ppbv	95
41) Tetrahydrofuran	5.523	42	903018	8.598	ppbv	97
42) Bromodichloromethane	7.214	83	2013304	10.025	ppbv	99
43) Methyl Methacrylate	7.439	69	964640	9.105	ppbv	98
44) 2,2,4-Trimethylpentane	7.291	57	3935609	8.724	ppbv	99
45) t-1,3-Dichloropropene	8.677	75	917880	9.377	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120222\
 Data File : VL039966.D
 Acq On : 2 Dec 2022 11:49
 Operator : SY/MD
 Sample : VL1202ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1202ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/05/2022
 Supervised By : Mahesh Dadoda 12/05/2022

Quant Time: Dec 02 23:22:15 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2022

QLast Update : Fri Dec 02 23:21:36 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.105	75	1238165	9.131	ppbv	99
47) 1,1,2-Trichloroethane	8.863	97	1003090	9.270	ppbv	96
48) Dibromochloromethane	9.677	129	1688224	10.652	ppbv	99
49) Bromoform	12.375	173	1329957	10.367	ppbv	99
50) 4-Methyl-2-Pentanone	8.146	43	2408039	8.838	ppbv	99
51) 2-Hexanone	9.519	43	1852932	8.761	ppbv #	99
52) Tetrachloroethene	10.584	164	857726	8.484	ppbv	94
53) Toluene	9.188	91	2827523	9.185	ppbv	98
54) 1,2-Dibromoethane	9.973	107	1156685	10.017	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.477	131	1205621	9.405	ppbv	98
57) Chlorobenzene	11.494	112	2120028	8.842	ppbv	97
58) Ethyl Benzene	12.056	91	3738613	8.788	ppbv	99
59) m/p-Xylene	12.339	91	6278054m	17.632	ppbv	
60) o-Xylene	13.027	91	2991832	8.811	ppbv	98
61) Styrene	12.866	104	1806297	8.912	ppbv	100
62) Isopropylbenzene	13.998	105	4304578	8.791	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.014	83	1018358	8.982	ppbv	100
64) n-propylbenzene	14.886	120	1122665	8.764	ppbv	94
65) tert-Butylbenzene	16.059	119	3659095	8.542	ppbv	100
66) Benzyl Chloride	16.300	91	238642m	6.501	ppbv	
67) sec-Butylbenzene	16.606	105	5074536	8.616	ppbv	98
69) p-Isopropyltoluene	16.963	119	4107789	8.467	ppbv	99
70) n-Butylbenzene	17.857	91	4159007	8.646	ppbv	97
71) 2-Chlorotoluene	14.770	91	3184739	8.581	ppbv	99
72) 4-Ethyltoluene	15.162	105	3416192	8.950	ppbv	99
73) 1,3,5-Trimethylbenzene	15.323	105	3002019	8.592	ppbv	98
74) 1,2,4-Trimethylbenzene	16.079	105	3179651	8.596	ppbv	97
75) 1,3-Dichlorobenzene	16.300	146	1765320	8.482	ppbv	99
76) 1,4-Dichlorobenzene	16.439	146	1730611	8.388	ppbv	98
77) 1,2-Dichlorobenzene	17.114	146	1651388	8.230	ppbv	98
78) Hexachloro-1,3-Butadiene	22.602	225	986113	7.083	ppbv	99
79) Naphthalene	21.348	128	1880770	8.495	ppbv	99
80) Naphthalene,2-methyl-	24.348	142	473177	7.599	ppbv	96
81) 1,2,4-Trichlorobenzene	21.107	180	1057156	7.732	ppbv	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

